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PTO/SB/21 (modified)

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TRANSMITTAL FORM

(to be used for all correspondence during pendency of filed application)

		Application Number	09/083,769
		Filing Date	May 22, 1998
		First Named Inventor	Gerard McGoogan
		Group Art Unit Number	2831
		Examiner Name	Unknown
Total Number of Pages in This Submission	9	Attorney Docket Number	3454

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Check Enclosed	<input checked="" type="checkbox"/> Letter to Chief Draftsperson
<input checked="" type="checkbox"/> Return Receipt Postcard	<input checked="" type="checkbox"/> Formal Drawing(s):
<input type="checkbox"/> Response to Notice to File Missing Parts	[5] Sheet(s) of Figure(s) [1-9]
<input type="checkbox"/> Assignment & PTO-1595	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Information Disclosure Statement & PTO-1449	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Copies of IDS Cited References	<input type="checkbox"/>
<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/>
<input type="checkbox"/> Request for Correction of Recorded Assignment	<input type="checkbox"/>
<input type="checkbox"/> Amendment/Response: [] Page(s)	<input type="checkbox"/>
<input type="checkbox"/> After Final	<input type="checkbox"/>
<input type="checkbox"/> Status Request	<input type="checkbox"/>
<input type="checkbox"/> Revocation and Power of Attorney	<input type="checkbox"/>
	<input type="checkbox"/>

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DEC 24 1998

GROUP 2100

REMARKS:

SIGNATURE OF ATTORNEY OR AGENT

Signature:

Attorney/Reg. No.: Greg T. Sueoka / Reg. No.: 33,800 Dated: December 16, 1998

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.

Signature:

Typed or Printed Name: Greg T. Sueoka Dated: December 16, 1998

Express Mail Mailing Number (optional):

0002/PTO(modified)
Rev. 10/95

U.S. Department of Commerce
Patent and Trademark Office

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT

Subtotal (1) + Subtotal (2) + Subtotal (3) = **(\$(0))**

Complete if Known

Application Number	09/083,769
Filing Date	May 22, 1998
First Named Inventor	Gerard McGoogan
Group Art Unit	2831
Examiner Name	Unknown

Attorney Docket Number 3454

METHOD OF PAYMENT

FEE CALCULATION (continued)

1. The Commissioner is hereby authorized to:

- Charge the indicated fees to the below mentioned deposit account.
- Charge any additional fee required under 37 CFR 1.16 and 1.17 or credit any over payments to the below mentioned deposit account.[†]
- Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.

Deposit Account Number: 19-2555
Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

2. Payment Enclosed:
[] Check [] Other

FEE CALCULATION (fees effective 10/01/97)

1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$760	201/\$380	Utility Filing	<input type="text"/>
106/\$310	206/\$155	Design Filing	<input type="text"/>
108/\$760	208/\$380	Reissue Filing	<input type="text"/>
114/\$150	214/\$75	Provisional Filing	<input type="text"/>
SUBTOTAL (1)		(\$0)	

2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$78	202/\$39	Independent claims in excess of 3
104/\$260	204/\$130	Multiple dependent claim
109/\$78	209/\$39	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent
SUBTOTAL (3)		(\$0)

3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>
147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>
115/\$110	215/\$55	Extension for response within first month [†]	<input type="text"/>
116/\$380	216/\$190	Extension for response within second month [†]	<input type="text"/>
117/\$870	217/\$435	Extension for response within third month [†]	<input type="text"/>
118/\$1,360	218/\$680	Extension for response within fourth month [†]	<input type="text"/>
128/\$1,850	228/\$925	Extension for response within fifth month [†]	<input type="text"/>
119/\$300	219/\$150	Notice of Appeal	<input type="text"/>
141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application	<input type="text"/>
142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)	<input type="text"/>
143/\$430	243/\$215	Design Issue Fee	<input type="text"/>
122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>
123/\$50	123/\$50	Petitions related to provisional applications	<input type="text"/>
126/\$240	126/\$240	Submission of Information Disclosure Statement	<input type="text"/>
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
146/\$760	246/\$380	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>
149/\$760	249/\$380	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>
Other fee (specify):			<input type="text"/>
Other fee (specify):			<input type="text"/>
SUBTOTAL (3)		(\$0)	

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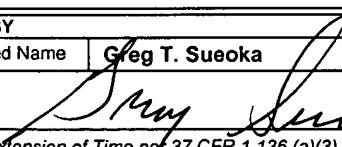
For	No. of Existing Claims	minus*	Highest No. Previously Paid For	(Col. 3)		Fee Due
				=	Extra**	
TOTAL		20	or	=	X	<input type="text"/>
INDEP		3	or	=	X	<input type="text"/>
[] First presentation of multiple dependent claim						<input type="text"/>

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2)

(\$0)

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Greg T. Sueoka	Reg. Number	33,800
Signature		Date	December 16, 1998

[†] Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby



PATENT

#5

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANT: Gerard McGoogan
SERIAL NO.: 09/083,769
FILING DATE: May 22, 1998
TITLE: Improvements In Intrinsically Safe Circuits
EXAMINER: Unknown
GROUP ART UNIT: 2831
ATTY. DKT. NO.: 3454

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Dated: 16 Dec 1998 By: Greg T. Sueoka
Greg T. Sueoka, Reg. No.: 33,800

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ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC. 20231

LETTER TO THE CHIEF DRAFTSPERSON

SIR:

Please substitute the enclosed 5 sheets of formal drawings containing Figures 1-9 for the 5 sheets of drawings containing Figures 1-9 previously submitted.

Respectfully submitted,
GERARD MCGOOGAN

Dated: 16 Dec 1998

By: Greg T. Sueoka
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